

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Device for the evaporation of volatile substances that includes a wick which ~~this~~ the substance travels up by capillarity, ~~which is the wick being~~ affected by heating elements that facilitate evaporation of ~~this~~ the volatile substance, ~~and that is characterized in that it consists of said device comprising~~ a pipe with open ends which contain part of ~~[[a]]~~ the wick with a space between the wick and the inside of the pipe, ~~and in that this~~ wherein the pipe has at least one lateral opening that permits ~~[[the]]~~ a flow of heat ~~form~~ from the~~[[se]]~~ heating elements to the wick.
2. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the heating elements and the pipe can move relative to each other and wherein this relative movement can alter ~~[[the]]~~ a degree of overlap between the wick and the heating elements and, consequently, the amount of heat reaching the wick.
3. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the heating elements are fixed and the pipe rotates in one plane.
4. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the heating elements ~~consist, at least, in an~~ comprise at least one electrical resistance located close to the wick.
5. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the heating elements ~~consist of~~ comprise two resistances positioned diametrically to the pipe and ~~in that this~~ wherein the pipe has two lateral openings.
6. (Currently Amended) Device according to claim 4 ~~characterized in that~~ wherein the resistance forms at least one plane surface.

7. (Currently Amended) Device according to claim 4 ~~characterized in that~~ wherein the resistance is of prismatic rectangular shape.

8. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the heating elements and the at least one lateral opening of the pipe are in the same plane, such that part of the wick can face the heating element through the at least one lateral opening.

9. (Currently Amended) Device according to claim 3 ~~characterized in that in the~~ wherein, upon rotational movement of the pipe a first extreme minimum evaporation position is defined in which the opening is not facing the heating elements and a second extreme maximum evaporation position may also be defined in which the opening faces these heating elements.

10. (Currently Amended) Device according to claim 1 ~~characterized in that it consists of~~ wherein said device comprises a casing and ~~in that~~ wherein the heating elements and the pipe are supported by ~~[[this]]~~ the casing.

11. (Currently Amended) Device according to claim 10 ~~characterized in that the~~ wherein an upper end of the pipe juts out of the top of the casing, forming an annular protuberance that facilitates ~~[[its]]~~ manual movement of the pipe relative to the casing.

12. (Currently Amended) Device according to claim 10 ~~characterized in that~~ wherein the pipe has a perimetric lip ~~an in that part~~ and wherein a portion of the casing is located between this perimetric lip and ~~[[the]]~~ an annular protuberance on the pipe, preventing vertical displacement of the pipe but permitting ~~[[this]]~~ the pipe to rotate.

13. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the pipe is cylindrical.

14. (Currently Amended) Device according to claim 1 ~~characterized in that~~ wherein the volatile substance is at least one of an aromatic substance and ~~[[/or]]~~ an insecticide.

15. (Currently Amended) Method of evaporation of volatile substances that includes applying a heat source to a volatile substance to be evaporated ~~from a wick, characterized in that it consists in said method comprising~~ enclosing a portion of the wick in a small volumed chamber, said chamber having at least one lateral opening, and introducing hot air into ~~[[this]]~~ the chamber through said at least one lateral opening.

16. (Currently Amended) Method according to claim 15 ~~characterized in that~~ wherein the chamber is formed of a tubular pipe with open ends and ~~in that~~ wherein the air is introduced through a side opening in the ~~[[said]]~~ pipe.

17. (Currently Amended) Method according to claim 15 ~~characterized in that the~~ wherein an amount of hot air introduced into ~~this~~ the chamber is regulated.

18. (Currently Amended) Method according to claim 17 ~~characterized in that~~ wherein the amount of air entering the chamber is controlled by displacement of the pipe relative to the heat source by modifying the distance between them.

19. (Currently Amended) Device according to claim 5 ~~characterized in that~~ wherein the resistances form at least one plane surface.

20. (Currently Amended) Device according to claim 5 ~~characterized in that~~ wherein the resistances are of prismatic rectangular shape.